

WHAT IS CLAIMED IS:

1. A water-sealing component assembly, comprising:
a first component;
a second component arranged adjacent said first component such that a
5 clearance is defined between clearance-defining surfaces of said first and second
components, said first component being rotatable relative to said second component;
and
a water-repelling film layer provided on at least one of said clearance-defining
surfaces of said first and said second components that define said clearance.
10
2. The water-sealing component assembly set forth in claim 1, further
comprising
a ground-layer film provided in between said water-repelling film and said
clearance-defining surface of one of said first and second components on which said
15 water-repelling film layer is provided.
3. The water-sealing component assembly set forth in claim 1, wherein
said water-repelling film layer is a thin metallic film impregnated with a
fluorinated resin.
20
4. The water-sealing component assembly set forth in claim 1, wherein
said clearance-defining surface on which said water-repelling film layer is
formed is on at least one of mutually opposing surfaces of said first and second
components.
25
5. The water-sealing component assembly set forth in claim 1, wherein
said clearance-defining surface on which said water-repelling film layer is
formed is on a surface that is contiguous with at least one of mutually opposing
surfaces of said first and second components.
30
6. The water-sealing component assembly set forth in claim 1, further
comprising
a bearing having an inner race and an outer race,

said first component having a pressing member that is attached to said outer race of said bearing,

said second component having a rod member that is attached to said inner race of said bearing.

5

7. The water-sealing component assembly set forth in claim 1, further comprising:

a bearing having an inner race and an outer race; and

a rod member attached to said inner race of said bearing,

10 said first component having a pressing member that is attached to said outer race of said bearing,

said second component having a cylindrical member that is fitted to said rod member.

15 8. The water-sealing component assembly set forth in claim 1, further comprising

a bearing having an inner race and an outer race,

said first component having a plate-shaped member attached to said outer race of said bearing,

20 said second component having a pressing member attached to said inner race of said bearing.

9. The water-sealing component assembly set forth in claim 1, wherein said water-repelling film layer is provided on both of said clearance-defining surfaces of said first and said second components.

25

10. The water-sealing component assembly set forth in claim 7, wherein said cylindrical member has a projecting portion, which has a lip portion that tapers out.

30

11. The water-sealing component assembly set forth in claim 7, wherein said cylindrical member has a plurality of projecting portions.

12. A fishing reel attachable to a fishing rod, said fishing reel comprising:
a reel body to be attached to the fishing rod;
a first component;
a second component unrotatable relative to said reel body, said second
5 component being arranged adjacent said first component such that a clearance is
defined clearance-defining surfaces of said first and second components, said first
component being rotatable relative to said second component; and
a water-repelling film layer provided on at least one of said clearance-defining
surfaces of said first and said second components that define said clearance.

10

13. The fishing reel set forth in claim 12, further comprising
a ground-layer film provided in between said water-repelling film and said
opposing surface of one of said first and second components on which said water-
repelling film layer is provided.

15

14. The fishing reel set forth in claim 12, wherein
said water-repelling film layer is a thin metallic film impregnated with a
fluorinated resin.

20

15. A spinning reel comprising:
a handle;
a reel unit to which said handle is rotatably fitted, said reel unit having a spool
shaft;
a rotor rotatable about said spool shaft in cooperation with rotation of said
25 handle;
a spool disposed adjacent said rotor to wind fish line guided by said rotor, said
spool being axially movable along said spool shaft; and
a water-sealing structure defined between said rotor and said spool shaft,
including

30

a first component attached to said rotor,
a second component attached to said spool shaft and arranged adjacent to
said first component such that a clearance is defined between opposing

surfaces of said first and second components, said first component being rotatable relative to said second component; and
a water-repelling film layer provided on at least one of said opposing surfaces of said first and said second components.

5

16. The spinning reel set forth in claim 15, wherein
said water-sealing structure further includes a bearing having an inner race and an outer race, said outer race being attached to said rotor, said inner race being attached to said spool shaft,

10 said first component has a pressing member that is attached to said outer race of said bearing, and
said second component is said spool shaft.

17. The spinning reel set forth in claim 15, wherein:
15 said water-sealing structure further includes a bearing having an inner race and an outer race, said outer race being attached to said rotor, said inner race being attached to said spool shaft,

said first component has a pressing member that is attached to said outer race of said bearing, and

20 said second component has a cylindrical member that is fitted to said spool shaft.

18. The spinning reel set forth in claim 15, wherein
said water-sealing structure further includes a bearing having an inner race and
25 an outer race, said outer race being attached to said rotor, said inner race being attached to said spool shaft,

said first component having a plate-shaped member attached to said outer race of said bearing, and

said second component having a pressing member attached to said inner race
30 of said bearing.

19. The spinning reel set forth in claim 15, wherein

said water-repelling film layer is provided on both of said opposing surfaces of said first and said second components.

5 20. The spinning reel set forth in claim 17, wherein
said cylindrical member has a projecting portion, which has a lip portion that
tapers out.

10 21. The spinning reel set forth in claim 17, wherein
said cylindrical member has a plurality of projecting portions.